DAFTAR PUSTAKA

[1]   W. R. P. COVID-19, "Peta Sebaran," *covid19.go.id*. https://covid19.go.id/peta-sebaran (accessed Mar. 22, 2022).

[2]   "Transmission of SARS-CoV-2: implications for infection prevention precautions." https://www.who.int/news-room/commentaries/detail/transmission-of-sars-cov-2-implications-for-infection-prevention-precautions (accessed Oct. 18, 2021).

[3]   L. Morawska and J. Cao, "Airborne transmission of SARS-CoV-2: The world should face the reality - ScienceDirect," *Environmental International*, no. 139, 2020, doi: 105730.

[4]   "PP No. 21 Tahun 2020 tentang Pembatasan Sosial Berskala Besar dalam Rangka Percepatan Penanganan Corona Virus Disease 2019 (COVID-19) [JDIH BPK RI]." https://peraturan.bpk.go.id/Home/Details/135059/pp-No.-21-tahun-2020 (accessed Mar. 22, 2022).

[5]   S. Pokhrel and R. Chhetri, "A Literature Review on Impact of COVID-19 Pandemic on Teaching and Learning," *High. Educ. Future*, vol. 8, no. 1, pp. 133–141, Jan. 2021, doi: 10.1177/2347631120983481.

[6]   I. D. N. Times and S. Umaiyah, "UGM Mulai Kegiatan Belajar Mengajar Bauran untuk Semua Mahasiwa," *IDN Times*. https://jogja.idntimes.com/news/jogja/siti-umaiyah/ugm-mulai-kegiatan-belajar-mengajar-bauran-untuk-semua-mahasiwa (accessed Mar. 22, 2022).

[7]   M. Bartak *et al.*, "Experimental and numerical study of local mean age of air," IBPSA, 2001. Accessed: Jan. 25, 2023. [Online]. Available: http://www.ibpsa.org/proceedings/BS2001/BS01_0773_780.pdf

[8]   H. Motamedi, M. Shirzadi, Y. Tominaga, and P. A. Mirzaei, "CFD modeling of airborne pathogen transmission of COVID-19 in confined spaces under different ventilation strategies | Elsevier Enhanced Reader,"

Sustainable Cities and Society, no. 76, 2022, doi: 10.1016/j.scs.2021.103397.

[9] "Roadmap to improve and ensure good indoor ventilation in the context of COVID-19." https://www.who.int/publications-detail-redirect/9789240021280 (accessed Mar. 22, 2022).

[10] "Harvard Healthy Buildings program How to assess classroom ventilation.pdf." Accessed: Mar. 22, 2022. [Online]. Available: https://schools.forhealth.org/wp-content/uploads/sites/19/2020/08/Harvard-Healthy-Buildings-program-How-to-assess-classroom-ventilation-08-28-2020.pdf

[11] "The dynamics of SARS-CoV-2 infectivity with changes in aerosol microenvironment | PNAS." https://www.pnas.org/doi/abs/10.1073/pnas.2200109119 (accessed Jan. 25, 2023).

[12] D. Kang, C. Ellgen, and E. Kulstad, "Possible effects of air temperature on COVID-19 disease severity and transmission rates," *J. Med. Virol.*, vol. 93, no. 9, pp. 5358–5366, Sep. 2021, doi: 10.1002/jmv.27042.

[13] M. Sandberg and M. Sjöberg, "The use of moments for assessing air quality in ventilated rooms," *Build. Environ.*, vol. 18, no. 4, pp. 181–197, Jan. 1983, doi: 10.1016/0360-1323(83)90026-4.

[14] "IES Virtual Environment | The Leading Integrated Suite for Accurate Whole Building Performance Simulation." https://www.iesve.com/software/virtual-environment (accessed Mar. 23, 2022).

[15] I. Kurniawan, "Karakterisasi Lingkungan Termal Chamber Iklim Menggunakan Metode Simulasi CFD dengan Perangkat Lunak IES VE," Universitas Gadjah Mada, Yogyakarta, 2019.

[16]   R. J. Yanti, "ANALISIS PROSES GAUSSIAN UNTUK PREDIKSI PELETAKAN SENSOR TERMAL PADA RUANG KELAS BERBASIS CFD," Universitas Gadjah Mada, Yogyakarta, 2019.

[17]   J. K. Gupta, C.-H. Lin, and Q. Chen, "Characterizing exhaled airflow from breathing and talking," *Indoor Air*, vol. 20, no. 1, pp. 31–39, Feb. 2010, doi: 10.1111/j.1600-0668.2009.00623.x.

[18]   C. Y. H. Chao *et al.*, "Characterization of expiration air jets and droplet size distributions immediately at the mouth opening," *Aerosol Science*, no. 40, pp. 122–133, 2009, doi: 10.1016/j.jaerosci.2008.10.003.

[19]   R. J. Naiman, H. Décamps, and M. E. McClain, *Riparia: ecology, conservation, and management of streamside communities*. Elsevier, 2010.

[20]   C. D. Ahrens and R. Henson, *Meteorology today: an introduction to weather, climate, and the environment*, 7th ed. Canada: Cengage Learning, 2014.

[21]   Y. A. Çengel and A. J. Ghajar, *Heat and Mass Transfer: Fundamentals & Applications*, 6th ed. New York: McGraw-Hill Education.

[22]   Z. J. Zhai, *Computational Fluid Dynamics for Built and Natural Environments*. Singapore: Springer Nature Singapore Pte Ltd, 2020.

[23]   D. C. Wilcox, *Turbulence Modeling for CFD*, 3rd ed. California: DCW Industries, 2006.

[24]   "SNI 6389: 2011 Konservasi energi selubung bangunan pada bangunan gedung," Badan Standardisasi Nasional, 2011.

[25]   "Optimal thermal sensors placement based on indoor thermal environment characterization by using CFD model.," *J. Appl. Eng. Sci.*, vol. 19.3, pp. 628–641, 2021.

[26] B. Godderidge, M. Tan, S. Turnock, and C. Earl, "A Verification and Validation Study of the Application of Computational Fluid Dynamics to the Modelling of Lateral Sloshing".